S 0500-1 (A)

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
SEPTEMBER 1981

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	30	679	0	226	1	6,191	761	2,061	1,050,694	30,259	98,138
Navajo 3X (386) 02-001-20011	28	721	79	3,511	2	6,369	1,324	31,018	1,836,054	260,294	447,866
Navajo 4 (384) 02-001-20009	28	3,082	1,820	16	1	41,465	21,801	362	2,979,992	1,073,197	86,260
Navajo 6 (390) 02-001-20014	30	529	0	489	1	4,460	76	4,126	241,603	10,665	75,942
Navajo 9 (396) 02-001-20020	30	536	6,464	255	1	3,941	42,612	1,873	1,650,152	434,339	257,529
Navajo 11 (506) 02-001-20106	30	58	26	727	2	452	224	5,665	912,522	81,406	376,863
Navajo 13 (420) 02-001-20044	29	27	0	170	1	1,328	71	8,367	5,304	4,534	15,670
Navajo 14 (416) 02-001-20040	30	630	132	485	1	6,289	757	4,842	281,100	19,035	129,746
Navajo 15 (417) 02-001-20041	28	205	53	232	1	1,585	400	1,796	104,712	13,878	28,261
Navajo 16 (419) 02-001-20143	30	200	976	40	1	2,571	4,511	515	92,459	20,708	15,403
Navajo 17 (618) 02-001-20190	30	146	79	69	1	1,624	418	764	43,117	6,828	36,878
Navajo 18 (690) 02-001-20239	28	638	4,830	214	1	6,629	45,991	2,378	64,904	140,114	11,668
Navajo 19 (691) 02-001-20240	30	2,299	158	1,090	1	28,513	3,294	13,516	190,942	6,930	51,938

Gas Distribution Symbols in this Report:
1 - Flared 3 - Sold
2 - Used on Lease 4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

September 1981

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Navajo 20 (696) 02-001-20245	30	2,107	0	510	1	25,332	180	6,130	119,154	2,578	34,614
Navajo 21 (693) 02-001-20242	28	318	580	172	1	,872	4,320	1,550	22,060	20,160	9,754
Navajo 22 (692) 02-001-20241	28	1,242	475	TSTM		3,492	805	0	20,680	2,943	8,690
Navajo 24 (695) 02-001-20244	30	611	6,203	188	1	13,826	61,811	4,257	76,763	208,914	39,360
Navajo 27 (721) 02-001-20251	30	3,250	0	325	1	4,253	23	425	4,253	23	425
Navajo B-1X (445) 02-001-20068	30	1,621	79	201	1	19,468	838	2,413	1,698,599	47,146	182,861
Navajo C-1 (397/484) 02-001-20092	30	13	24	TSTM		136	239	0	2,409	1,938	1,174
Navajo 88-2 (431) 02-001-20055	28	636	580	151	1	6,704	7,090	1,588	735,446	221,718	111,837
Navajo 88-3 (443) 02-001-20066	28	227	79	284	1	1,773	1,187	2,217	172,963	57,789	176,856
Navajo 88-6 (722) 02-001-20252	4	668	0	TSTM		668	0	0	668	0	0
Navajo 138-1 (383) 02-001-20012	30	837	79	429	1	7,781	1,016	3,991	1,022,961	50,774	437,494
Navajo 138-3 (723) 02-001-20253	30	5,988	422	790	1	12,353	932	1,631	12,353	932	1,631
Operator & Field Total		27,268	23,138	10,574		210,075	200,681	101,485	13,341,864	2,717,102	2,636,858
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									16,053,280	3,488,434	3,035,210

September 1981

	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
		OIL	WATER	GAS		OIL	WATER	GAS	OIL	WATER	GAS
	DAYS	BBLS	BBLS	MCF	DISP	BBLS	BBLS	MCF	BBLS	BBLS	MCF
DRY MESA (MISSISSIPPIAN)											
Monsanto Company											
Navajo 138-1 (77) *None	29	115	4,750	8	2	3,029	38,784	212	219,928	747,289	26,407
Navajo 138-2 (106) *None	30	0	0	202	2	0	0	2,047	7,566	0	39,277
Navajo 138-3 (115) *None	30	509	531	36	2	4,824	4,954	339	407,966	211,451	44,664
Operator & Field Total		624	5,281	246		7,853	43,738	2,598	635,460	958,740	110,348
WILDCAT -UNDESIGNATED											
Kenai Oil & Gas											
Navajo 34-7 (717) 02-001-20248	29	445	336	979	1	3,753*	336	8,638	3,753*	336	8,638
*Reflects ammended figures for August											
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	30	136	217	3,898	2	2,448	1,050	34,549	186,009	2,204	1,048,916
Pan American Navajo "O"-3 (640) 02-001-20207	30	950	27	845	3	9,516	147	8,797	106,344	6,468	114,737
Pan American Navajo "O"-4 (663) 02-001-20219	30	814	1,221	825	3	7,568	9,879	8,053	87,588	46,210	68,933
Pan American Navajo "O"-5 (678) 02-001-20228	30	271	679	520 602	2 3	2,711	4,904	10,933	19,167	23,001	49,556
Operator & Field Total		2,171	2,144	6,690		22,243	15,980	62,332	399,108	77,883	1,282,142
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									404,506	188,159	1,299,841

September 1981

EAST BOUNDARY BUTTE (PARADOX)

Merrion & Bayless	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Humble Navajo 1 (28) *None	25	572	374	200 510	2 3	8,556	6,015	10,759	64,668	93,399	1,872,883
Humble Navajo 3 (515) 02-001-20115	25	178	2,635	200 416	2 3	1,501	29,815	6,254	58,873	602,238	364,912
Humble Navajo E-1 (58) *None	10	60	5,700	0		1,470	98,650	0	281,175	1,272,078	998,745
Shell Navajo 2 (22) *None	10	34	15	850	3	492	250	23,956	8,877	3,907	1,639,307
Operator & Field Total		844	8,724	2,176		12,019	134,730	40,969	413,593	1,971,622	4,875,847
Total of Wells Not Now Producing									375,358	2,392,276	4,540,536
TOTAL									788,951	4,363,898	9,416,383
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,298	230,200	3,531,966 H 9,237,739
TOTALS		31,352	39,623	20,665		255,943*	395,465	216,022	18,012,248*	9,229,767	17,402,386

S 0500-1 (A)

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
OCTOBER 1981

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	31	743	0	97	1	6,934	761	2,158	1,051,437	30,259	98,235
Navajo 3X (386) 02-001-20011	31	530	72	2,209	2	6,899	1,396	33,227	1,836,584	260,366	450,075
Navajo 4 (384) 02-001-20009	31	3,381	1,660	51	1	44,846	23,461	413	2,983,373	1,074,857	86,311
Navajo 6 (390) 02-001-20014	31	537	0	121	1	4,997	76	4,247	242,140	10,665	76,063
Navajo 9 (396) 02-001-20020	27	507	5,895	240	1	4,448	48,507	2,113	1,650,659	440,234	257,769
Navajo 11 (506) 02-001-20106	31	52	24	652	2	504	248	6,317	912,574	81,430	377,515
Navajo 13 (420) 02-001-20044	31	27	0	170	1	1,355	71	8,537	5,331	4,534	15,840
Navajo 14 (416) 02-001-20040	31	593	121	273	1	6,882	878	5,115	281,693	19,156	130,019
Navajo 15 (417) 02-001-20041	31	177	48	61	1	1,762	448	1,857	104,889	13,926	28,322
Navajo 16 (419) 02-001-20143	31	249	890	100	1	2,820	5,401	615	92,708	21,598	15,503
Navajo 17 (618) 02-001-20190	31	153	72	120	1	1,777	490	884	43,270	6,900	36,998
Navajo 18 (690) 02-001-20239	29	594	4,403	199	1	7,223	50,394	2,577	65,498	144,517	11,867
Navajo 19 (691) 02-001-20240	28	2,218	144	479	1	30,731	3,438	13,995	193,160	7,074	52,417

Gas Distribution Symbols in this Report:
1 - Flared 3 - Sold
2 - Used on Lease 4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 20 (696) 02-001-20245	31	1,841	0	217	1	27,173	180	6,347	120,995	2,578	34,831
Navajo 21 (693) 02-001-20242	31	387	529	209	1	3,259	4,849	1,759	22,447	20,689	9,963
Navajo 22 (692) 02-001-20241	31	1,342	433	TSTM		4,834	1,238	0	22,022	3,376	8,690
Navajo 24 (695) 02-001-20244	31	398	5,654	164	1	14,224	67,465	4,421	77,161	214,568	39,524
Navajo 25 (719) 02-001-20249	17	2,085	0	250	1	2,085	0	250	2,085	0	250
Navajo 27 (721) 02-001-20251	31	2,437	0	244	1	6,690	23	669	6,690	23	669
Navajo B-1X (445) 02-001-20068	31	1,618	72	201	1	21,086	910	2,614	1,700,217	47,218	183,062
Navajo C-1 (484) 02-001-20092	31	12	24	TSTM		148	263	0	2,421	1,962	1,174
Navajo 88-2 (431) 02-001-20055	31	767	746	182	1	7,471	7,836	1,770	736,213	222,464	112,019
Navajo 88-3 (443) 02-001-20066	21	175	63	219	1	1,948	1,250	2,436	173,138	57,852	177,075
Navajo 88-6 (722) 02-001-20252	31	3,897	0	4,610	1	4,565	0	4,610	4,565	0	4,610
Navajo 138-1 (383) 02-001-20012	31	846	818	1,655	1	8,627	1,834	5,646	1,023,807	51,592	439,149
Navajo 138-3 (723) 02-001-20253	24	2,837	456	377	1	15,190	1,388	2,008	15,190	1,388	2,008
Operator & Field Total		28,403	22,124	13,100		238,478	222,805	114,585	13,370,267	2,739,226	2,649,958
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									16,081,683	3,510,558	3,048,310

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
DRY MESA (MISSISSIPPIAN)		OIL	WATER	GAS	OIL	WATER	GAS	OIL	WATER	GAS
October	DAYS	BBLS	BBLS	MCF DISP	BBLS	BBLS	MCF	BBLS	BBLS	MCF
Monsanto Company										
Navajo 138-1 (77) *None	31	473	5,019	33 2	3,502	43,803	245	220,401	752,308	26,440
Navajo 138-2 (106) *None	31	0	0	210 2	0	0	2,257	7,566	0	39,487
Navajo 138-3 (115) *None	31	487	499	34 2	5,311	5,453	373	408,453	211,950	44,698
Operator & Field Total		960	5,518	277	8,813	49,256	2,875	636,420	964,258	110,625
WILDCAT - UNDESIGNATED										
Kenai Oil & Gas										
Navajo 34-7 (717) 02-001-20248	26	768	31	1,690 1	4,521	367	10,328	4,521	367	10,328
TEEC NOS POS (ISMAY)										
Energy Reserves Group										
Pan American Navajo "O"-1 (232) *None	31	150	244	4,028 2	2,598	1,294	38,577	186,159	2,448	1,052,944
Pan American Navajo "O"-3 (640) 02-001-20207	31	1,198	31	1,357 3	10,714	178	10,154	107,542	6,499	116,094
Pan American Navajo "O"-4 (663) 02-001-20219	31	449	1,375	579 3	8,017	11,254	8,632	88,037	47,585	69,512
Pan American Navajo "O"-5 (678) 02-001-20228	31	299	764	537 2 847 3	3,010	5,668	12,317	19,466	23,765	50,940
Operator & Field Total		2,096	2,414	7,348	24,339	18,394	69,680	401,204	80,297	1,289,490
Total of Wells Not Now Producing								5,398	110,276	17,699
TOTAL								406,602	190,573	1,307,189

EAST BOUNDARY BUTTE (PARADOX)
October
Merrion & Bayless

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Humble Navajo 1 (28) *None	28	584	385	200	2	9,140	6,400	10,959	65,252	93,784	1,873,083
Humble Navajo 3 (515) 02-001-20115	31	65	820	200	2	1,566	30,635	6,454	58,938	603,058	365,112
Humble Navajo E-1 (58) *None	4	20	2,400	0		1,490	101,050	0	281,195	1,274,478	998,745
Shell Navajo 2 (22) *None	2	6	3	200	2	498	253	24,156	8,883	3,910	1,639,507
Operator & Field Total		675	3,608	600		12,694	138,338	41,569	414,268	1,975,230	4,876,447
Total of Wells Not Now Producing									375,358	2,392,276	4,540,536
TOTAL									789,626	4,367,506	9,416,983
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,298	230,200	3,531,966 H 9,237,739
TOTALS		32,902	33,695	23,015		288,845	429,160	239,037	18,045,150	9,263,462	17,425,401

S 0500-1 (A)

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
NOVEMBER 1981

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	30	804	0	105	1	7,738	761	2,263	1,052,241	30,259	98,340
Navajo 3X (386) 02-001-20011	26	572	0	2,384	2	7,471	1,396	35,611	1,837,156	260,366	452,459
Navajo 4 (384) 02-001-20009	30	3,477	1,921	52	1	48,323	25,382	465	2,986,850	1,076,778	86,363
Navajo 6 (390) 02-001-20014	30	631	439	142	1	5,628	515	4,389	242,771	11,104	76,205
Navajo 9 (396) 02-001-20020	24	220	6,502	105	1	4,668	55,009	2,218	1,650,879	446,736	257,874
Navajo 11 (506) 02-001-20106	30	88	0	1,103		592	248	7,420	912,662	81,430	378,618
Navajo 13 (420) 02-001-20044	28	28	0	176	1	1,383	71	8,713	5,359	4,534	16,016
Navajo 14 (416) 02-001-20040	30	654	137	301	1	7,536	1,015	5,416	282,347	19,293	130,320
Navajo 15 (417) 02-001-20041	30	188	55	65	1	1,950	503	1,922	105,077	13,981	28,387
Navajo 16 (419) 02-001-20143	25	225	1,015	90	1	3,045	6,416	705	92,933	22,613	15,593
Navajo 17 (618) 02-001-20190	30	161	631	126	1	1,938	1,121	1,010	43,431	7,531	37,124
Navajo 18 (690) 02-001-20239	30	702	5,871	235	1	7,925	56,265	2,812	66,200	150,388	12,102
Navajo 19 (691) 02-001-20240	30	2,791	56	603	1	33,522	3,494	14,598	195,951	7,130	53,020

Gas Distribution Symbols in this Report:
1 - Flared
2 - Used on Lease
3 - Sold
4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 20 (696) 02-001-20245	30	1,764	27	208	1	28,937	207	6,555	122,759	2,605	35,039
Navajo 21 (693) 02-001-20242	30	391	686	211	1	3,650	5,535	1,970	22,838	21,375	10,174
Navajo 22 (692) 02-001-20241	30	347	27	TSTM		5,181	1,265	0	22,369	3,403	8,690
Navajo 24 (695) 02-001-20244	30	613	3,841	253	1	14,837	71,306	4,674	77,774	218,409	39,777
Navajo 25 (719) 02-001-20249	26	2,124	0	255	1	4,209	0	505	4,209	0	505
Navajo 26 (720) 02-001-20250	17	2,091	1,728	606	1	2,091	1,728	606	2,091	1,728	606
Navajo 27 (721) 02-001-20251	30	2,358	0	236	1	9,048	23	905	9,048	23	905
Navajo B-1X (445) 02-001-20068	30	1,739	0	216	1	22,825	910	2,830	1,701,956	47,218	183,278
Navajo C-1 (484) 02-001-20092	30	12	27	TSTM		160	290	0	2,433	1,989	1,174
Navajo 88-2 (431) 02-001-20055	30	698	851	165	1	8,169	8,687	1,935	736,911	223,315	112,184
Navajo 88-3 (443) 02-001-20066	29	284	82	355	1	2,232	1,332	2,791	173,422	57,934	177,430
Navajo 88-6 (722) 02-001-20252	30	2,320	0	2,745	1	6,885	0	7,355	6,885	0	7,355
Navajo 138-1 (383) 02-001-20012	30	908	247	1,776	1	9,535	2,081	7,422	1,024,715	51,839	440,925
Navajo 138-3 (723) 02-001-20253	30	4,546	0	605	1	19,736	1,388	2,613	19,736	1,388	2,613
Operator & Field Total		30,736	24,143	13,118		269,214	246,948	127,703	13,401,003	2,763,369	2,663,076
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									16,112,419	3,534,701	3,061,428

		MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DRY MESA (MISSISSIPPIAN)											
Monsanto Company											
Navajo 138-1 (77) *None	29	394	4,758	28	2	3,896	48,561	273	220,795	757,066	26,468
Navajo 138-2 (106) *None	30	0	0	200	2	0	0	2,457	7,566	0	39,687
Navajo 138-3 (115) *None	27	419	437	29	2	5,730	5,890	402	408,872	212,387	44,727
Operator & Field Total		813	5,195	257		9,626	54,451	3,132	637,233	969,453	110,882
BLACK ROCK											
Kenai Oil & Gas											
Navajo 34-7 (717) 02-001-20248	30	528	85	1,161	1	5,049	452	11,489	5,049	452	11,489
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	39	152	242	3,898	2	2,750	1,536	42,475	186,311	2,690	1,056,842
Pan American Navajo "O"-3 (640) 02-001-20207	30	1,212	30	1,213	3	11,926	208	11,367	108,754	6,529	117,307
Pan American Navajo "O"-4 (663) 02-001-20219	30	0	303	0		8,017	11,557	8,632	88,037	47,888	69,512
Pan American Navajo "O"-5 (678) 02-001-20228	30	303	758	520 757	2 3	3,313	6,426	13,594	19,769	24,523	52,217
Operator & Field Total		1,667	1,333	6,388		26,006	19,727	76,068	402,871	81,630	1,295,878
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									408,269	191,906	1,313,577

EAST BOUNDARY BUTTE (PARADOX)

Merrion & Bayless	DAYS	MONTHLY PRODUCTION OIL BBLS	MONTHLY PRODUCTION WATER BBLS	MONTHLY PRODUCTION GAS MCF	MONTHLY PRODUCTION GAS DISP	YEAR TO DATE OIL BBLS	YEAR TO DATE WATER BBLS	YEAR TO DATE GAS MCF	ALL TIME CUMULATIVE OIL BBLS	ALL TIME CUMULATIVE WATER BBLS	ALL TIME CUMULATIVE GAS MCF
Humble Navajo 1 (28) *None	30	844	650	200 1,250	2 3	9,984	7,050	12,409	66,096	94,434	1,874,533
Humble Navajo 3 (515) 05-001-20115	30	250	5,600	200 1,000	2 3	1,816	36,235	7,654	59,188	608,658	366,312
Humble Navajo E-1 (58) *None	1	6	500	0		1,496	101,550	0	281,201	1,274,978	998,745
Shell Navajo 2 (22) *None	15	89	44	3,652	3	587	297	27,808	8,972	3,954	1,643,159
Operator & Field Total		1,189	6,794	6,302		13,883	145,132	47,871	415,457	1,982,024	4,882,749
Total of Wells Not Now Producing									375,358	2,392,276	4,540,536
TOTAL									790,815	4,374,300	9,423,285
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,298	230,200	3,531,966 H 9,237,739
TOTALS		34,933	37,550	27,226		323,778	466,710	266,263	18,080,083	9,301,012	17,452,627

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
DECEMBER 1981

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	30	747	0	98	1	8,485	761	2,361	1,052,988	30,259	98,438
Navajo 3X (386) 02-001-20011	29	674	0	2,809	2	8,145	1,396	38,420	1,637,830	260,366	455,268
Navajo 4 (384) 02-001-20009	31	3,833	2,046	57	1	52,156	27,428	522	2,990,683	1,078,824	86,420
Navajo 6 (390) 02-001-20014	31	696	414	157	1	6,324	929	4,546	243,467	11,518	76,362
Navajo 9 (396) 02-001-20020	29	75	3,077	36	1	4,743	58,086	2,254	1,650,954	449,813	257,910
Navajo 11 (506) 02-001-20106	31	107	0	1,341	2	699	248	8,761	912,769	81,430	379,959
Navajo 13 (420) 02-001-20044	26	29	0	183	1	1,412	71	8,896	5,388	4,534	16,199
Navajo 14 (416) 02-001-20040	30	611	125	281	1	8,147	1,140	5,697	282,958	19,418	130,601
Navajo 15 (417) 02-001-20041	31	182	52	63	1	2,132	555	1,985	105,259	14,033	28,450
Navajo 16 (419) 02-001-20143	31	255	958	102	1	3,300	7,374	807	93,188	23,571	15,695
Navajo 17 (618) 02-001-20190	31	156	673	122	1	2,094	1,794	1,132	43,587	8,204	37,246
Navajo 18 (690) 02-001-20239	25	591	4,449	198	1	8,916	60,714	3,010	66,791	154,837	12,300
Navajo 19 (691) 02-001-20240	31	2,628	52	568	1	36,150	3,546	15,166	198,579	7,182	53,588

Gas Distribution Symbols in this Report:
1 - Flared 3 - Sold
2 - Used on Lease 4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 20 (696) 02-001-20245	29	1,933	49	228	1	30,870	256	6,783	124,692	2,654	35,267
Navajo 21 (693) 02-001-20242	31	328	648	177	1	3,978	6,183	2,147	23,166	22,023	10,351
Navajo 22 (692) 02-001-20241	31	305	27	TSTM		5,486	1,292	0	22,674	3,430	8,690
Navajo 24 (695) 02-001-20244	30	711	6,166	294	1	15,548	77,472	4,968	78,485	224,575	40,071
Navajo 25 (719) 02-001-20249	30	2,861	251	343	1	7,070	251	848	7,070	251	848
Navajo 26 (720) 02-001-20250	24	1,166	1,444	338	1	3,257	3,172	944	3,257	3,172	944
Navajo 27 (721) 02-001-20251	31	2,820	0	282	1	11,868	23	1,187	11,868	23	1,187
Navajo B-1X (445) 02-001-20068	31	1,909	0	237	1	24,734	910	3,067	1,703,865	47,218	183,515
Navajo C-1 (484) 02-001-20092	31	8	7	TSTM		168	297	0	2,441	1,996	1,174
Navajo 88-2 (431) 02-001-20055	30	401	451	95	1	8,570	9,138	2,030	737,312	223,766	112,279
Navajo 88-3 (443) 02-001-20066	31	272	78	340	1	2,504	1,410	3,131	173,694	58,012	177,770
Navajo 88-6 (722) 02-001-20252	29	1,460	0	1,727	1	8,345	0	9,082	8,345	0	9,082
Navajo 138-1 (388) 02-001-20012	31	883	104	1,727	1	10,418	2,185	9,149	1,025,598	51,943	442,652
Navajo 138-3 (723) 02-001-20253	31	3,225	285	429	1	22,961	1,673	3,042	22,961	1,673	3,042
Operator & Field Total		28,866	21,356	12,232		298,080	268,304	139,935	13,429,869	2,784,725	2,675,308
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									16,141,285	3,556,057	3,073,660

		MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
		OIL	WATER	GAS		OIL	WATER	GAS	OIL	WATER	GAS
DRY MESA (MISSISSIPPIAN)	DAYS	BBLS	BBLS	MCF	DISP	BBLS	BBLS	MCF	BBLS	BBLS	MCF
Monsanto Company											
Navajo 138-1 (77) *None	31	299	5,085	21	2	4,195	53,646	294	221,094	762,151	26,489
Navajo 138-2 (106) *None	31	0	0	340	2	0	0	2,797	7,566	0	40,027
Navajo 138-3 (115) *None	28	401	452	28	2	6,131	6,342	430	409,273	212,839	44,755
Operator & Field Total		700	5,537	389		10,326	59,988	3,521	637,933	974,990	111,271
BLACK ROCK											
Kenai Oil & Gas											
Navajo 34-7 (717) 02-001-20248	28	619	472	1,361	1	5,668	924	12,850	5,668	924	12,850
Total of Wells Not Now Producing									1,329	1,564	14,687
TOTAL									6,997	2,488	27,537
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	30	242	242	3,878	2	2,992	1,778	46,353	186,553	2,932	1,060,720
Pan American Navajo "O"-3 (640) 02-001-20207	30	757	60	701	3	12,683	268	12,068	109,511	6,589	118,008
Pan American Navajo "O"-4 (663) 02-001-20219	28	848	1,696	895	3	8,865	13,253	9,527	86,885	49,584	70,407
Pan American Navajo "O"-5 (678) 02-001-20228	30	545	757	520 1,261	2 3	3,858	7,183	15,375	20,314	25,280	53,998
Operator & Field Total		2,392	2,755	7,255		28,398	22,482	83,323	405,263	84,385	1,303,133
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									410,661	194,661	1,320,832

EAST BOUNDARY BUTTE (PARADOX)

Merrion & Bayless	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Humble Navajo 1 (28) *None	24	902	700	200 1,150	2 3	10,886	7,750	13,759	66,998	95,134	1,875,883
Humble Navajo 3 (515) 02-001-20115		0	0	0		1,816	36,235	7,654	59,188	608,658	366,312
Humble Navajo E-1 (58) *None	1	7	600	0		1,503	102,150	0	281,208	1,275,578	998,745
Shell Navajo 2 (22) *None	25	97	48	3,461	3	684	345	31,269	9,069	4,002	1,646,620
Operator & Field Total		1,006	1,348	4,811		14,889	146,480	52,682	416,463	1,983,372	4,887,560
Total of Wells Not Now Producing									375,358	2,392,276	4,540,536
TOTAL									791,821	4,375,648	9,428,096
WELLS NOT NOW PRODUCING - OTHER FIELDS									124,969	228,636	3,517,279 H 9,237,739
TOTALS		33,583	31,468	26,048		357,361	498,178	292,311	18,113,666	9,332,480	17,478,675

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
JANUARY 1982

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
1 Navajo (377) 02-001-20001*	31	748	0	98	1	748	0	98	1,053,736	30,259	98,536
3X Navajo (386) 02-001-20011	28	613	0	2,555	2	613	0	2,555	1,838,443	260,366	457,823
4 Navajo (384) 02-001-20009	31	4,072	3,378	61	1	4,072	3,378	61	2,994,755	1,082,202	86,481
6 Navajo (390) 02-001-20014	31	618	397	139	1	618	397	139	244,085	11,915	76,501
9 Navajo (396) 02-001-20020	31	221	3,601	105	1	221	3,601	105	1,651,175	453,414	258,015
11 Navajo (506) 02-001-20106	27	67	0	840	2	67	0	840	912,836	81,430	380,799
13 Navajo (420) 02-001-20044	6	13	0	82	1	13	0	82	5,401	4,534	16,281
14 Navajo (416) 02-001-20040	31	576	124	265	1	576	124	265	283,534	19,542	130,866
15 Navajo (417) 02-001-20041	31	173	124	60	1	173	124	60	105,432	14,157	28,510
16 Navajo (419) 02-001-20143	31	301	621	120	1	301	621	120	93,489	24,192	15,815
17 Navajo (618) 02-001-20190	31	158	646	124	1	158	646	124	43,745	8,850	37,370
18 Navajo (690) 02-001-20239	17	239	2,574	80	1	239	2,574	80	67,030	157,411	12,380
19 Navajo (691) 02-001-20240	31	2,641	50	570	1	2,641	50	570	201,220	7,232	54,158

Gas Distribution Symbols in this Report:
1 - Flared/Vented 3 - Sold
2 - Used on Lease 4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
20 Navajo (696) 02-001-20245	31	2,076	50	245	1	2,076	50	245	126,768	2,704	35,512
21 Navajo (693) 02-001-20242	31	292	149	158	1	292	149	158	23,458	22,172	10,509
22 Navajo (692) 02-001-20241	31	259	0	199	1	259	0	199	22,933	3,430	8,889
24 Navajo (695) 02-001-20244	21	480	4,139	198	1	480	4,139	198	78,965	228,714	40,269
25 Navajo (719) 02-001-20249	27	2,223	65	267	1	2,223	65	267	9,293	316	1,115
26 Navajo (720) 02-001-20250	27	613	108	178	1	613	108	178	3,870	3,280	1,122
27 Navajo (721) 02-001-20251	28	1,583	0	158	1	1,583	0	158	13,451	23	1,345
1X Navajo-B (445) 02-001-20068	25	1,672	0	184	1	1,672	0	184	1,705,537	47,218	183,699
1 Navajo-C (484) 02-001-20092	31	6	5	TSTM		6	5	0	2,447	2,001	1,174
2 Navajo-88 (431) 02-001-20055	27	433	649	98	1	433	649	98	737,745	224,415	112,377
3 Navajo-88 (443) 02-001-20066	4	103	22	47	1	103	22	47	173,797	58,034	177,817
6 Navajo-88 (722) 02-001-20252	28	1,410	0	94	1	1,410	0	94	9,755	0	9,176
1 Navajo-138 (388) 02-001-20012	31	854	99	1,670	1	854	99	1,670	1,026,452	52,042	444,322
3 Navajo-138 (723) 02-001-20253	26	3,168	250	421	1	3,168	250	421	26,129	1,923	3,463
Operator & Field Total		25,612	17,051	9,016		25,612	17,051	9,016	13,455,481	2,801,776	2,684,324
Total of Wells not now Producing									2,711,416	771,332	398,352
TOTAL									16,166,897	3,573,108	3,082,676

DRY MESA (MISSISSIPPIAN)		MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Monsanto Company	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
1 Navajo-138 (77) *None	28	367	4,708	26	2	367	4,708	26	221,461	766,859	26,515
2 Navajo-138 (106) *None	31	0	0	1,622	2	0	0	1,622	7,566	0	41,649
3 Navajo-138 (115) *None	27	365	450	26	2	365	450	26	409,638	213,289	44,781
Operator & Field Total		732	5,158	1,674		732	5,158	1,674	638,665	980,148	112,945
BLACK ROCK											
Kenai Oil & Gas											
34-7 Navajo (717) 02-001-20248	18	316	264	695	1	316	264	695	5,984	1,188	13,545
Total of Wells not now Producing									1,329	1,564	14,687
TOTAL									7,313	2,752	28,232
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American 1 Navajo-O (232) *None	27	81	108	3,521	2	81	108	3,521	186,634	3,040	1,064,241
Pan American 3 Navajo-O (640) 02-001-20207	26	649	52	545	3	649	52	545	110,160	6,641	118,553
Pan American 4 Navajo-O (663) 02-001-20219	31	929	1,548	887	3	929	1,548	887	89,814	51,132	71,294
Pan American 5 Navajo-O (678) 02-001-20228	27	485	674	468 1,013	2 3	485	674	1,481	20,799	25,954	55,479
Operator & Field Total		2,144	2,382	6,434		2,144	2,382	6,434	407,407	86,767	1,309,567
Total of Wells not now Producing									5,398	110,276	17,699
TOTAL									412,805	197,043	1,327,266

EAST BOUNDARY BUTTE (PARADOX)	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Merrion & Bayless	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Humble 1 Navajo (28) *None	30	1,200	975	200 500	2 3	1,200	975	700	68,198	96,109	1,876,583
Humble 3 Navajo (515) 02-001-20115	29	117	4,500	200 1,320	2 3	117	4,500	1,520	59,305	613,158	367,832
Humble 1 Navajo-E (58) *None	1	6	500	0		6	500	0	281,214	1,275,078	998,745
Shell 2 Navajo (22) *None	29	78	35	1,561	3	78	35	1,561	9,147	4,037	1,648,181
Operator & Field Total		1,401	6,010	3,781		1,401	6,010	3,781	417,864	1,989,382	4,891,341
Total of Wells not now Producing									375,358	2,392,276	4,540,536
TOTAL									793,222	4,381,658	9,431,877
WELLS NOT NOW PRODUCING - OTHER FIELDS									124,969	228,636	3,517,279 H 9,237,739
TOTALS		30,205	30,865	21,600		30,205	30,865	21,600	18,143,871	9,363,345	17,500,275

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
FEBRUARY 1982

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
1 Navajo (377) 02-001-20001*	28	673	0	88	1	1,421	0	186	1,054,409	30,259	98,624
3X Navajo (386) 02-001-20011	25	416	4	1,734	2	1,029	4	4,289	1,838,859	260,370	459,557
4 Navajo (384) 02-001-20009	28	3,630	3,742	54	1	7,702	7,120	115	2,998,385	1,085,944	86,535
6 Navajo (390) 02-001-20014	25	245	0	55	1	863	397	194	244,330	11,915	76,556
9 Navajo (396) 02-001-20020	28	381	5,295	21	1	602	8,896	126	1,651,556	458,709	258,036
11 Navajo (506) 02-001-20106	21	54	0	999	2	121	0	1,839	912,890	81,430	381,798
13 Navajo (420) 02-001-20044	1	1	0	6	1	14	0	88	5,402	4,534	16,287
14 Navajo (416) 02-001-20040	28	401	0	184	1	977	124	449	283,935	19,542	131,050
15 Navajo (417) 02-001-20041	3	31	33	11	1	204	157	71	105,463	14,190	28,521
16 Navajo (419) 02-001-20143	28	285	744	114	1	586	1,365	234	93,774	24,936	15,929
17 Navajo (618) 02-001-20190	28	116	0	91	1	274	646	215	43,861	8,850	37,461
18 Navajo (690) 02-001-20239	23	289	4,675	108	1	528	7,249	188	67,319	162,086	12,488
19 Navajo (691) 02-001-20240	28	1,919	0	415	1	4,560	50	985	203,139	7,232	54,573

Gas Distribution Symbols in this Report:
1 - Flared/Vented 3 - Sold
2 - Used on Lease 4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
20 Navajo (696) 02-001-20245	28	1,356	0	160	1	3,432	50	405	128,124	2,704	35,672
21 Navajo (693) 02-001-20242	28	244	171	203	1	536	320	361	23,702	22,343	10,712
22 Navajo (692) 02-001-20241	28	222	0	171	1	481	0	370	23,155	3,430	9,060
24 Navajo (695) 02-001-20244	28	649	7,201	268	1	1,129	11,340	466	79,614	235,915	40,537
25 Navajo (719) 02-001-20249	25	2,784	313	334	1	5,007	378	601	12,077	629	1,449
26 Navajo (720) 02-001-20250	28	201	99	58	1	814	207	236	4,071	3,379	1,180
27 Navajo (721) 02-001-20251	18	1,152	0	115	1	2,735	0	273	14,603	23	1,460
1X Navajo-B (445) 02-001-20068	28	1,912	0	210	1	3,584	0	394	1,707,449	47,218	183,909
1 Navajo-C (484) 02-001-20092	28	6	6	TSTM		12	11	0	2,453	2,007	1,174
2 Navajo-88 (431) 02-001-20055	28	696	905	157	1	1,129	1,554	255	738,441	225,320	112,534
3 Navajo-88 (443) 02-001-20066	1	0	0	0		103	22	47	173,797	58,034	177,817
6 Navajo-88 (722) 02-001-20252	28	1,423	0	95	1	2,833	0	189	11,178	0	9,271
1 Navajo-138 (388) 02-001-20012	28	898	392	1,756	1	1,752	491	3,426	1,027,350	52,434	446,078
3 Navajo-138 (723) 02-001-20253	28	3,582	0	476	1	6,750	250	897	29,711	1,923	3,939
Operator & Field Total		23,566	23,580	7,883		49,178	40,631	16,899	13,479,047	2,825,356	2,692,207
Total of Wells not now Producing									2,711,416	771,332	398,352
TOTAL									16,190,463	3,596,688	3,090,559

DRY MESA (MISSISSIPPIAN)	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Monsanto Company	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
1 Navajo-138 (77) *None	26	341	4,347	24	2	708	9,055	50	221,802	771,206	26,539
2 Navajo-138 (106) *None	28	0	0	699	2	0	0	2,321	7,566	0	42,348
3 Navajo-138 (115) *None	28	383	425	27	2	748	875	53	410,021	213,714	44,808
Operator & Field Total		724	4,772	750		1,456	9,930	2,424	639,389	984,920	113,695
BLACK ROCK											
Kenai Oil & Gas											
34-7 Navajo (717) 02-001-20248		0	0	0		316	264	695	5,984	1,188	13,545
Total of Wells not now Producing									1,329	1,564	14,687
TOTAL									7,313	2,752	28,232
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American 1 Navajo-O (232) *None	24	70	94	612	2	151	202	4,133	186,704	3,134	1,064,853
Pan American 3 Navajo-O (640) 02-001-20207	26	534	51	311	3	1,183	103	856	110,694	6,692	118,864
Pan American 4 Navajo-O (663) 02-001-20219	28	795	1,288	527	3	1,724	2,836	1,414	90,609	52,420	71,821
Pan American 5 Navajo-O (678) 02-001-20228	27	476	660	110 692	2 3	961	1,334	2,283	21,275	26,614	56,281
Operator & Field Total		1,875	2,093	2,252		4,019	4,475	8,686	409,282	88,860	1,311,819
Total of Wells not now Producing									5,398	110,276	17,699
TOTAL									414,680	199,136	1,329,518

EAST BOUNDARY BUTTE (PARADOX)

Merrion Oil & Gas	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Humble 1 Navajo (28) *None	21	784	680	150 375	2 3	1,984	1,655	1,225	68,982	96,789	1,877,108
Humble 3 Navajo (515) 02-001-20115	21	85	3,100	150 650	2 3	202	7,600	2,320	59,390	616,258	368,632
Humble 1 Navajo-E (58) *None	2	8	650	0		14	1,150	0	281,222	1,276,728	998,745
Shell 2 Navajo (22) *None	21	64	30	1,100	3	142	65	2,661	9,211	4,067	1,649,281
Operator & Field Total		941	4,460	2,425		2,342	10,470	6,206	418,805	1,993,842	4,893,766
Total of Wells not now Producing									375,358	2,392,276	4,540,536
TOTAL									794,163	4,386,118	9,434,302
WELLS NOT NOW PRODUCING - OTHER FIELDS									124,969	228,636	3,517,279 H 9,237,739
TOTALS		27,106	34,905	13,310		57,311	65,770	34,910	18,170,977	9,398,250	17,513,585

S 0500-1 (A)

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
MARCH 1982

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
1 Navajo (377) 02-001-20001*	31	765	28	175	1	2,186	28	361	1,055,174	30,287	98,799
3X Navajo (386) 02-001-20011	27	431	43	1,638	2	1,460	47	5,927	1,839,290	260,413	461,195
4 Navajo (384) 02-001-20009	30	3,418	4,131	161	1	11,120	11,251	276	3,001,803	1,090,075	86,696
6 Navajo (390) 02-001-20014	30	335	1	151	1	1,198	398	345	244,665	11,916	76,707
9 Navajo (396) 02-001-20020	25	241	3,988	35	1	843	12,884	161	1,651,797	462,697	258,071
11 Navajo (506) 02-001-20106	31	100	0	1,253	2	221	0	3,092	912,990	81,430	383,051
13 Navajo (420) 02-001-20044			Shut in			14	0	88	5,402	4,534	16,287
14 Navajo (416) 02-001-20040	30	343	0	309	1	1,320	124	758	284,278	19,542	131,359
15 Navajo (417) 02-001-20041			Shut in			204	157	71	105,463	14,190	28,521
16 Navajo (419) 02-001-20143	31	319	871	69	1	905	2,236	303	94,093	25,807	15,998
17 Navajo (618) 02-001-20190	31	175	0	117	1	449	646	332	44,036	8,850	37,578
18 Navajo (690) 02-001-20239	4	119	2,096	50	1	647	9,345	238	67,438	164,182	12,538
19 Navajo (691) 02-001-20240	31	2,596	440	659	1	7,156	490	1,644	205,735	7,672	55,232

Gas Distribution Symbols in this Report:
1 - Flared/Vented 3 - Sold
2 - Used on Lease 4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
20 Navajo (696) 02-001-20245	31	2,416	0	744	1	5,348	50	1,149	130,540	2,704	36,416
21 Navajo (693) 02-001-20242	31	271	205	244	1	807	525	605	23,973	22,548	10,956
22 Navajo (692) 02-001-20241	31	245	0	245	1	726	0	615	23,400	3,430	9,305
24 Navajo (695) 02-001-20244	31	672	7,983	345	1	1,801	19,323	811	80,286	243,898	40,882
25 Navajo (719) 02-001-20249	27	2,717	293	785	1	7,724	671	1,386	14,794	922	2,234
26 Navajo (720) 02-001-20250	31	221	23	761	1	1,035	230	997	4,292	3,402	1,941
27 Navajo (721) 02-001-20251	31	1,730	0	457	1	4,465	0	730	16,333	23	1,917
1X Navajo-B (445) 02-001-20068	31	2,295	0	225	1	5,879	0	619	1,709,744	47,218	184,134
1 Navajo-C (484) 02-001-20092	31	3	2	TSTM		15	13	0	2,456	2,009	1,174
2 Navajo-88 (431) 02-001-20055	29	702	983	161	1	1,831	2,537	416	739,143	226,303	112,695
3 Navajo-88 (443) 02-001-20066			Shut in			103	22	47	173,797	58,034	177,817
6 Navajo-88 (722) 02-001-20252	31	1,562	0	109	1	4,395	0	298	12,740	0	9,380
1 Navajo-138 (388) 02-001-20012	31	991	453	1,648	1	2,743	944	5,074	1,028,341	52,887	447,726
3 Navajo-138 (723) 02-001-20253	29	2,266	286	1,119	1	9,016	536	2,016	31,977	2,209	5,058
Operator & Field Total		24,933	21,826	11,460		74,111	62,457	28,359	13,503,980	2,847,182	2,703,667
Total of Wells not now Producing									2,711,416	771,332	398,352
TOTAL									16,215,396	3,618,514	3,102,019

		MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DRY MESA (MISSISSIPPIAN)											
Monsanto Company											
1 Navajo-138 (77) *None	28	364	3,844	26	2	1,072	12,899	76	222,166	775,050	26,565
2 Navajo-138 (106) *None	31	0	0	484	2	0	0	2,805	7,566	0	42,832
3 Navajo-138 (115) *None	21	286	192	20	2	1,034	1,067	73	410,307	213,906	44,828
Operator & Field Total		650	4,036	530		2,106	13,966	2,954	640,039	988,956	114,225
BLACK ROCK											
Kenai Oil & Gas											
34-7 Navajo (717) 02-001-20248	19	159	1,425	0		475	1,689	695	6,143	2,613	13,545
Total of Wells not now Producing									1,329	1,564	14,687
TOTAL									7,472	4,177	28,232
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American 1 Navajo-0 (232) *None	31	86	35	755	2	237	237	4,888	186,790	3,169	1,065,608
Pan American 3 Navajo-0 (640) 02-001-20207	31	600	53	590	3	1,783	156	1,446	111,294	6,745	119,454
Pan American 4 Navajo-0 (663) 02-001-20219	30	802	795	900	3	2,526	3,631	2,314	91,411	53,215	72,721
Pan American 5 Navajo-0 (678) 02-001-20228	31	515	437	126 1,266	2 3	1,476	1,771	3,675	21,790	27,051	57,673
Operator & Field Total		2,003	1,320	3,637		6,022	5,795	12,323	411,285	90,180	1,315,456
Total of Wells not now Producing									5,398	110,276	17,699
TOTAL									416,683	200,456	1,333,155

EAST BOUNDARY BUTTE (PARADOX)

Merrion Oil & Gas	DAYS	MONTHLY PRODUCTION OIL BBLS	MONTHLY PRODUCTION WATER BBLS	MONTHLY PRODUCTION GAS MCF	MONTHLY PRODUCTION GAS DISP	YEAR TO DATE OIL BBLS	YEAR TO DATE WATER BBLS	YEAR TO DATE GAS MCF	ALL TIME CUMULATIVE OIL BBLS	ALL TIME CUMULATIVE WATER BBLS	ALL TIME CUMULATIVE GAS MCF
Humble 1 Navajo (28) *None	25	1,091	850	150 832	2 3	3,075	2,505	2,207	70,073	97,639	1,878,090
Humble 3 Navajo (515) 02-001-20115	25	45	4,000	150 440	2 3	247	11,600	2,910	59,435	620,258	369,222
Humble 1 Navajo-E (58) *None		0	0	0		14	1,150	0	281,222	1,276,728	998,745
Shell 2 Navajo (22) *None	25	44	20	1,840	3	186	85	4,501	9,255	4,087	1,651,121
Operator & Field Total		1,180	4,870	3,412		3,522	15,340	9,618	419,985	1,998,712	4,897,178
Total of Wells not now Producing									375,358	2,392,276	4,540,536
TOTAL									795,343	4,390,988	9,437,714
WELLS NOT NOW PRODUCING - OTHER FIELDS									124,969	138,636	3,517,279 4 9,237,739
TOTALS		28,925	33,477	19,039		86,236	99,247	53,949	18,199,902	9,431,727	17,532,624

S 0500-1 (A)

JUN 8 1982

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
APRIL 1982

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
1 Navajo (377) 02-001-20001*	30	700	14	228	1	2,886	42	589	1,055,874	30,301	99,027
3X Navajo (386) 02-001-20011	30	443	0	1,683	2	1,903	47	7,610	1,839,733	260,413	462,878
4 Navajo (384) 02-001-20009	29	3,288	4,288	171	1	14,408	15,539	447	3,005,091	1,094,363	86,867
6 Navajo (390) 02-001-20014	30	443	37	139	1	1,641	435	484	245,108	11,953	76,846
9 Navajo (396) 02-001-20020	29	130	5,067	19	1	973	17,951	180	1,651,927	467,764	258,090
11 Navajo (506) 02-001-20106	30	135	0	1,692	2	356	0	4,784	913,125	81,430	384,743
13 Navajo (420) 02-001-20044	18	62	18	296	1	76	18	384	5,464	4,552	16,583
14 Navajo (416) 02-001-20040	30	273	0	246	1	1,593	124	1,004	284,551	19,542	131,605
15 Navajo (417) 02-001-20041	16	105	55	51	1	309	212	122	105,568	14,245	28,572
16 Navajo (419) 02-001-20143	29	343	318	62	1	1,248	2,554	365	94,436	26,125	16,060
17 Navajo (618) 02-001-20190	30	195	0	131	1	644	646	463	44,231	8,850	37,709
18 Navajo (690) 02-001-20239	22	309	5,936	224	1	956	15,281	462	67,747	170,118	12,762
19 Navajo (691) 02-001-20240	30	2,945	477	748	2	10,101	967	2,392	208,680	8,149	55,980

Gas Distribution Symbols in this Report:
1 - Flared/Vented 3 - Sold
2 - Used on Lease 4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
20 Navajo (696) 02-001-20245	30	1,621	57	645	1	7,469	107	1,794	132,161	2,761	37,061
21 Navajo (693) 02-001-20242	30	302	209	272	1	1,109	734	877	24,275	22,757	11,228
22 Navajo (692) 02-001-20241	30	276	219	276	1	1,002	219	891	23,676	3,649	9,581
24 Navajo (695) 02-001-20244	30	622	6,953	473	1	2,423	26,276	1,284	80,908	250,851	41,355
25 Navajo (719) 02-001-20249	28	2,584	237	747	1	10,308	908	2,133	17,378	1,159	2,981
26 Navajo (720) 02-001-20250	30	233	74	802	1	1,268	304	1,799	4,525	3,476	2,743
27 Navajo (721) 02-001-20251	30	1,864	0	492	1	6,329	0	1,222	18,197	23	2,409
1X Navajo-B (445) 02-001-20068	30	2,470	22	282	1	8,349	22	901	1,712,214	47,240	184,416
1 Navajo-C (484) 02-001-20092	30	7	9	TSTM		22	22	0	2,463	2,018	1,174
2 Navajo-88 (431) 02-001-20055	30	780	1,105	179	1	2,611	3,642	595	739,923	227,408	112,874
3 Navajo-88 (443) 02-001-20066	18	314	179	140	1	417	201	187	174,111	58,213	177,957
6 Navajo-88 (722) 02-001-20252	27	1,086	0	77	1	5,481	0	375	13,826	0	9,457
1 Navajo-138 (388) 02-001-20012	30	712	176	1,596	1	3,455	1,120	6,670	1,029,053	53,063	449,322
3 Navajo-138 (723) 02-001-20253	30	2,294	515	1,202	1	11,310	1,051	3,218	34,271	2,724	6,260
Operator & Field Total		24,536	25,965	12,873		98,647	88,422	41,232	13,528,516	2,873,147	2,716,540
Total of Wells not now Producing									2,711,416	771,332	398,352
TOTAL									16,239,932	3,644,479	3,114,892

DRY MESA (MISSISSIPPIAN)	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Monsanto Company	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
1 Navajo-138 (77) *None	30	517	5,738	36	2	1,589	18,637	112	222,683	780,788	26,601
2 Navajo-138 (106) *None	30	0	0	415	2	0	0	3,220	7,566	0	43,247
3 Navajo-138 (115) *None	29	930	928	65	2	1,964	1,995	138	411,237	214,834	44,893
Operator & Field Total		1,447	6,666	516		3,553	20,632	3,470	641,486	995,622	114,741
BLACK ROCK											
Kenai Oil & Gas											
34-7 Navajo (717) 02-001-20248		0	0	0		475	1,689	695	6,143	2,613	13,545
Total of Wells not now Producing									1,329	1,564	14,687
TOTAL									7,472	4,177	28,232
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American 1 Navajo-O (232) *None	29	82	49	718	2	319	286	5,606	186,872	3,218	1,066,326
Pan American 3 Navajo-O (640) 02-001-20207	30	593	75	473	3	2,376	231	1,919	111,887	6,820	119,927
Pan American 4 Navajo-O (663) 02-001-20219	30	820	1,184	747	3	3,346	4,815	3,061	92,231	54,399	73,468
Pan American 5 Navajo-O (678) 02-001-20228	30	509	630	122 1,016	2 3	1,985	2,401	4,813	22,299	27,681	58,811
Operator & Field Total		2,004	1,938	3,076		8,026	7,733	15,399	413,289	92,118	1,318,532
Total of Wells not now Producing									5,398	110,276	17,699
TOTAL									418,687	202,394	1,336,231

BEST AVAILABLE COPY

EAST BOUNDARY BUTTE (PARADOX)

Merrion Oil & Gas	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Humble 1 Navajo (28) *None	29	1,115	860	150 912	2 3	4,190	3,365	3,659*	71,188	98,499	1,879,542*
Humble 3 Navajo (515) 02-001-20115	30	54	4,250	150 435	2 3	301	15,850	3,075*	59,489	624,508	369,357*
Humble 1 Navajo-E (58) *None		0	0	0		14	1,150	0	281,222	1,276,728	998,745
Shell 2 Navajo (22) *None	30	53	24	1,865	3	239	89*	6,966*	9,308	4,091*	1,653,586*
Operator & Field Total		1,222	5,134	3,512		4,744	20,454*	13,700*	421,207	2,003,826*	4,901,260*
Total of Wells not now Producing									375,358	2,392,276	4,540,536
TOTAL									796,565	4,396,102*	9,441,796*
WELLS NOT NOW PRODUCING - OTHER FIELDS									124,969	228,636	3,517,279 H 5,237,739
TOTALS		29,209	39,703	19,977		115,445	138,930*	74,496*	18,229,111	9,471,410*	17,553,171*

*Reflects February and March corrected figures received 5-3-82

EAST BOUNDARY BUTTE (PARADOX)

Merrion Oil & Gas	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Humble 1 Navajo (28) *None	21	784	680	150 765*	2 3	1,984	1,655	1,615	68,982	96,789	1,877,498
Humble 3 Navajo (515) 02-001-20115	21	85	3,100	150 230*	2 3	202	7,600	1,900	59,390	616,258	368,212
Humble 1 Navajo-E (58) *None	2	8	650	0		14	1,150	0	281,222	1,276,728	998,745
Shell 2 Navajo (22) *None	21	64	30	1,700*	3	142	65	3,261	9,211	4,067	1,649,881
Operator & Field Total		941	4,460	2,995*		2,342	10,470	6,776	418,805	1,993,842	4,894,336
Total of Wells not now Producing									375,358	2,392,276	4,540,536
TOTAL									794,163	4,386,118	9,434,872

*Corrected figures received 5-3-82

WELLS NOT NOW PRODUCING - OTHER FIELDS								124,969	228,636	3,517,279 H 9,237,739
TOTALS	27,106	34,905	13,880		57,311	65,770	35,480	18,170,977	9,398,250	17,514,155

S 0500.1 (A)

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
MAY 1982

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
1 Navajo (377) 02-001-20001*	31	734	0	239	1	3,620	42	828	1,056,608	30,301	99,266
3X Navajo (386) 02-001-20011	31	709	101	2,105	2	2,612	148	9,715	1,840,442	260,514	464,983
4 Navajo (384) 02-001-20009	31	4,359	3,960	161	1	18,767	19,499	608	3,009,450	1,098,323	87,028
6 Navajo (390) 02-001-20014	31	472	8	148	1	2,113	443	632	245,580	11,961	76,994
9 Navajo (396) 02-001-20020	31	367	5,509	110	1	1,340	23,460	290	1,652,294	473,273	258,200
11 Navajo (506) 02-001-20106	31	122	0	1,529	2	478	0	6,313	913,247	81,430	386,272
13 Navajo (420) 02-001-20044	30	50	6	239	1	126	24	623	5,514	4,558	16,822
14 Navajo (416) 02-001-20040	31	257	0	193	1	1,850	124	1,197	284,808	19,542	131,798
15 Navajo (417) 02-001-20041	31	161	0	233	1	470	212	355	105,729	14,245	28,805
16 Navajo (419) 02-001-20143	25	325	58	22	1	1,573	2,612	387	94,761	26,183	16,082
17 Navajo (618) 02-001-20190	30	76	0	182	1	720	646	645	44,307	8,850	37,891
18 Navajo (690) 02-001-20239	29	508	8,191	176	1	1,464	23,472	638	68,255	178,309	12,938
19 Navajo (691) 02-001-20240	27	1,890	184	1,353	2	11,991	1,151	3,745	210,570	8,333	57,333

Gas Distribution Symbols in this Report:
1 - Flared/Vented 3 - Sold
2 - Used on Lease 4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
20 Navajo (696) 02-001-20245	30	1,279	65	627	1	8,748	172	2,421	133,440	2,826	37,688
21 Navajo (693) 02-001-20242	31	292	75	175	1	1,401	809	1,052	24,567	22,832	11,403
22 Navajo (692) 02-001-20241	31	414	102	79	1	1,416	321	970	24,090	3,751	9,660
24 Navajo (695) 02-001-20244	25	593	5,691	417	1	3,016	31,967	1,701	81,501	256,542	41,772
25 Navajo (719) 02-001-20249	29	2,244	137	700	1	12,552	1,045	2,833	19,622	1,296	3,681
26 Navajo (720) 02-001-20250	29	210	66	723	1	1,478	370	2,522	4,735	3,542	3,466
27 Navajo (721) 02-001-20251	31	1,365	96	636	1	7,694	96	1,858	19,562	119	3,045
1X Navajo-B (445) 02-001-20068	31	1,903	76	584	1	10,252	98	1,485	1,714,117	47,316	185,000
1 Navajo-C (484) 02-001-20092	31	4	4	TSTM		26	26	0	2,467	2,022	1,174
2 Navajo-88 (431) 02-001-20055	31	1,203	180	244	1	3,814	3,822	839	741,126	227,588	113,118
3 Navajo-88 (443) 02-C01-20066	31	601	286	267	1	1,018	487	454	174,712	58,499	178,224
6 Navajo-88 (722) 02-001-20252	31	766	0	2,755	1	6,247	0	3,130	14,592	0	12,212
1 Navajo-138 (388) 02-001-20012	31	689	142	1,545	1	4,144	1,262	8,215	1,029,742	53,205	450,867
3 Navajo-138 (723) 02-001-20253	29	2,402	431	1,465	1	13,712	1,482	4,683	36,673	3,155	7,725
Operator & Field Total		23,995	25,368	16,907		122,642	113,790	58,139	13,552,511	2,898,515	2,733,447
Total of Wells not now Producing									2,711,416	771,332	398,352
TOTAL									16,263,927	3,669,847	3,131,799

		MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DRY MESA (MISSISSIPPIAN)											
Monsanto Company											
1 Navajo-138 (77) *None	31	529	6,286	37	2	2,118	24,923	149	223,212	787,074	26,638
2 Navajo-138 (106) *None	31	0	0	527	2	0	0	3,747	7,566	0	43,774
3 Navajo-138 (115) *None	31	838	860	59	2	2,802	2,855	197	412,075	215,694	44,952
Operator & Field Total		1,367	7,146	623		4,920	27,778	4,093	642,853	1,002,768	115,364
BLACK ROCK											
Kenai Oil & Gas											
34-7 Navajo (717) 02-001-20248	29	38	1,150	0		513	2,839	695	6,181	3,763	13,545
Total of Wells not now Producing									1,329	1,564	14,687
TOTAL									7,510	5,327	28,232
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American 1 Navajo-O (232) *None	31	80	52	518	2	399	338	6,124	186,952	3,270	1,066,844
Pan American 3 Navajo-O (640) 02-001-20207	31	562	78	401	3	2,938	309	2,320	112,449	6,898	120,328
Pan American 4 Navajo-O (663) 02-001-20219	31	776	1,215	784	3	4,122	6,030	3,845	93,007	55,614	74,252
Pan American 5 Navajo-O (678) 02-001-20228	31	482	646	155 557	2 3	2,467	3,047	5,525	22,781	28,327	59,523
Operator & Field Total		1,900	1,991	2,415		9,926	9,724	17,814	415,189	94,109	1,320,947
Total of Wells not now Producing									5,398	110,276	17,699
TOTAL									420,587	204,385	1,338,646

EAST BOUNDARY BUTTE (PARADOX)

Merrion Oil & Gas	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Humble 1 Navajo (28) *None	26	1,003	1,250	150 800	2 3	5,193	4,615	4,609	72,191	99,749	1,880,492
Humble 3 Navajo (515) 02-001-20115		0	0	0		301	15,850	3,075	59,489	624,508	369,387
Humble 1 Navajo-E (58) *None		0	0	0		14	1,150	0	281,222	1,276,728	998,745
Shell 2 Navajo (22) *None		75	34	1,510	3	314	123	8,476	9,383	4,125	1,655,096
Operator & Field Total		1,078	1,284	2,460		5,822	21,738	16,160	422,285	2,005,110	4,903,720
Total of Wells not now Producing									375,358	2,392,276	4,540,536
TOTAL									797,643	4,397,386	9,444,256
WELLS NOT NOW PRODUCING - OTHER FIELDS									124,969	228,636	3,517,279 H 9,237,739
TOTALS		28,378	36,939	22,405		143,823	175,869	96,901	18,257,489	9,508,349	17,575,176

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM-PRODUCTION
JUNE 1982

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
1 Navajo (377) 02-001-20001*	30	620	100	275	1	4,240	142	1,103	1,057,228	30,401	99,541
3X Navajo (386) 02-001-20011	30	505	71	1,499	2	3,117	219	11,214	1,840,947	260,585	466,482
4 Navajo (384) 02-001-20009	30	5,143	3,343	159	1	23,910	22,842	767	3,014,593	1,101,666	87,187
6 Navajo (390) 02-001-20014	30	438	0	156	1	2,551	443	788	246,015	11,961	77,150
9 Navajo (396) 02-001-20020	30	249	4,813	62	1	1,589	28,273	352	1,652,543	478,086	258,262
11 Navajo (506) 02-001-20106	30	124	0	2,356	2	602	0	8,669	913,371	81,430	388,628
13 Navajo (420) 02-001-20044	30	30	0	143	1	156	24	766	5,544	4,558	16,965
14 Navajo (416) 02-001-20040	30	312	0	216	1	2,162	124	1,413	285,120	19,542	132,014
15 Navajo (417) 02-001-20041	30	142	0	852	1	612	212	1,207	105,871	14,245	29,657
16 Navajo (419) 02-001-20143	30	482	181	57	1	2,055	2,793	444	95,243	26,364	16,139
17 Navajo (618) 02-001-20190	30	29	0	58	1	749	646	703	44,336	8,850	37,949
18 Navajo (690) 02-001-20239	29	1,097	6,822	340	1	2,561	30,294	978	69,352	185,131	13,278
19 Navajo (691) 02-001-20240	29	1,962	186	1,674	2	13,953	1,337	5,419	212,532	8,519	59,007

Gas Distribution Symbols in this Report:
1 - Flared/Vented 3 - Sold
2 - Used on Lease 4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
20 Navajo (696) 02-001-20245	30	1,236	0	546	1	9,984	172	2,967	134,676	2,826	38,234
21 Navajo (693) 02-001-20242	28	113	0	188	1	1,514	809	1,240	24,680	22,832	11,591
22 Navajo (692) 02-001-20241	30	391	0	71	1	1,807	321	1,041	24,481	3,751	9,731
24 Navajo (695) 02-001-20244	24	644	5,824	453	1	3,660	37,791	2,154	82,145	262,366	42,225
25 Navajo (719) 02-001-20249	30	1,263	112	632	1	13,815	1,157	3,465	20,885	1,408	4,313
26 Navajo (720) 02-001-20250	30	225	159	1,395	1	1,703	529	3,917	4,960	3,701	4,361
27 Navajo (721) 02-001-20251	30	1,175	59	571	1	8,869	155	2,429	20,737	178	3,616
1X Navajo-B (445) 02-001-20068	30	1,767	120	406	1	12,019	218	1,891	1,715,884	47,436	185,406
1 Navajo-C (484) 02-001-20092	30	7	7	TSTM		33	33	0	2,474	2,029	1,174
2 Navajo-88 (431) 02-001-20055	28	764	677	162	1	4,578	4,499	1,001	741,890	228,265	113,280
3 Navajo-88 (443) 02-001-20066	30	465	126	419	1	1,483	613	873	175,177	58,625	178,643
6 Navajo-88 (722) 02-001-20252	26	699	13	2,187	1	6,946	13	5,317	15,291	13	14,399
1 Navajo-138 (388) 02-001-20012	30	855	171	2,430	1	4,999	1,433	10,645	1,030,597	53,376	453,297
3 Navajo-138 (723) 02-001-20253	26	2,211	288	1,159	1	15,923	1,770	5,842	38,884	3,443	8,884
Operator & Field Total		22,948	23,072	18,466		145,590	136,862	76,605	13,575,459	2,921,587	2,751,913
Total of Wells not now Producing									2,711,416	771,332	398,352
TOTAL									16,286,875	3,692,919	3,150,265

DRY MESA (MISSISSIPPIAN)		MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Monsanto Company	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
1 Navajo-138 (77) *None	30	435	5,399	30	2	2,553	30,322	179	223,647	792,473	26,668
2 Navajo-138 (106) *None	30	0	0	720	2	0	0	4,467	7,566	0	44,494
3 Navajo-138 (115) *None	30	650	729	46	2	3,452	3,584	243	412,725	216,423	44,998
Operator & Field Total		1,085	6,128	796		6,005	33,906	4,889	643,938	1,008,896	116,160
BLACK ROCK											
Kenai Oil & Gas											
34-7 Navajo (717) 02-001-20248		0	0	0		513	2,839	695	6,181	3,763	13,545
Total of Wells not now Producing									1,329	1,564	14,687
TOTAL									7,510	5,327	28,232
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American 1 Navajo-O (232) *None	30	229	90	643	2	628	428	6,767	187,181	3,360	1,067,487
Pan American 3 Navajo-O (640) 02-001-20207	30	915	151	839	3	3,853	460	3,159	113,364	7,049	121,167
Pan American 4 Navajo-O (663) 02-001-20219	30	486	1,145	956	3	4,608	7,175	4,801	93,493	56,759	75,208
Pan American 5 Navajo-O (678) 02-001-20228	30	171	813	25 298	2 3	2,638	3,860	5,848	22,952	29,140	59,846
Operator & Field Total		1,801	2,199	2,761		11,727	11,923	20,575	416,990	96,308	1,323,708
Total of Wells not now Producing									5,398	110,276	17,699
TOTAL									422,388	206,584	1,341,407

EAST BOUNDARY BUTTE (PARADOX)	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Merrion Oil & Gas	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Humble 1 Navajo (28) *None	24	966	2,880	150 1,000	2 3	6,159	7,495	5,759	73,157	102,629	1,881,642
Humble 3 Navajo (515) 02-001-20115		0	0	0		301	15,850	3,075	59,489	624,508	369,387
Humble 1 Navajo-E (58) *None		131 salvaged from treater & pit	0	0		145	1,150	0	281,353	1,276,728	998,745
Shell 2 Navajo (22) *None	24	40	20	2,035	3	354	143	10,511	9,423	4,145	1,657,131
Operator & Field Total		1,137	2,900	3,185		6,959	24,638	19,345	423,422	2,008,010	4,906,905
Total of Wells not now Producing									375,358	2,392,276	4,540,536
TOTAL									798,780	4,400,286	9,447,441
WELLS NOT NOW PRODUCING - OTHER FIELDS									124,969	228,636	3,517,279 H 9,237,729
TOTALS		26,971	34,299	25,208		170,794	210,168	122,109	18,284,460	9,542,648	17,600,784

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
JULY 1982

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
1 Navajo (377) 02-001-20001*	31	498	132	216	1	4,738	274	1,319	1,057,726	30,533	99,757
3X Navajo (386) 02-001-20011	31	359	34	1,550	2	3,476	253	12,764	1,841,306	260,619	468,032
4 Navajo (384) 02-001-20009	31	5,841	3,305	169	1	29,751	26,147	936	3,020,434	1,104,971	87,356
6 Navajo (390) 02-001-20014	31	292	0	183	1	2,843	443	971	246,310	11,961	77,333
9 Navajo (396) 02-001-20020	31	244	5,282	73	1	1,833	33,555	425	1,652,787	483,368	258,335
11 Navajo (506) 02-001-20106	31	78	0	105	2	680	0	8,774	913,449	81,430	388,733
13 Navajo (420) 02-001-20044	31	74	0	471	1	230	24	1,237	5,618	4,558	17,436
14 Navajo (416) 02-001-20040	31	387	0	268	1	2,549	124	1,681	285,507	19,542	132,282
15 Navajo (417) 02-001-20041	31	398	0	1,154	1	1,010	212	2,361	106,269	14,245	30,811
16 Navajo (419) 02-001-20143	25	177	592	58	1	2,232	3,385	502	95,420	26,956	16,197
17 Navajo (618) 02-001-20190	31	31	0	74	1	780	646	777	44,367	8,850	38,023
18 Navajo (690) 02-001-20239	27	1,138	6,644	357	1	3,699	36,938	1,335	70,490	191,775	13,635
19 Navajo (691) 02-001-20240	31	2,290	210	1,919	1	16,243	1,547	7,338	214,822	8,729	60,926

Gas Distribution Symbols in this Report:
1 - Flared/Vented 3 - Sold
2 - Used on Lease 4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
20 Navajo (696) 02-001-20245	31	1,347	0	585	1	11,331	172	3,552	136,023	2,826	38,819
21 Navajo (693) 02-001-20242	27	77	0	139	1	1,591	809	1,379	24,757	22,832	11,730
22 Navajo (692) 02-001-20241	31	246	0	67	1	2,053	321	1,108	24,727	3,751	9,798
24 Navajo (695) 02-001-20244	27	719	5,363	488	1	4,379	43,154	2,642	82,864	267,729	42,713
25 Navajo (719) 02-001-20249	31	1,572	45	690	1	15,387	1,202	4,155	22,457	1,453	5,003
26 Navajo (720) 02-001-20250	31	384	0	992	1	2,087	529	4,909	5,344	3,701	5,853
27 Navajo (721) 02-001-20251	31	1,138	0	576	1	10,007	155	3,005	21,875	178	4,192
1X Navajo-B (445) 02-001-20068	31	1,681	122	466	1	13,700	340	2,357	1,717,565	47,558	185,872
1 Navajo-C (484) 02-001-20092	31	102	0	TSTM		135	33	0	2,576	2,029	1,174
2 Navajo-88 (431) 02-001-20055	31	986	696	212	1	5,564	5,195	1,213	742,876	228,961	113,492
3 Navajo-88 (443) 02-001-20066	31	309	0	275	1	1,792	613	1,148	175,486	58,625	178,918
6 Navajo-88 (722) 02-001-20252	31	959	0	3,005	1	7,905	13	8,322	16,250	13	17,404
1 Navajo-138 (388) 02-001-20012	31	976	0	1,641	1	5,975	1,433	12,286	1,031,573	53,376	454,938
3 Navajo-138 (723) 02-001-20253	31	2,548	259	1,333	1	18,471	2,029	7,175	41,432	3,702	10,217
Operator & Field Total		24,851	22,684	17,066		170,441	159,546	93,671	13,600,310	2,944,271	2,768,979
Total of Wells not now Producing									2,711,416	771,332	398,352
TOTAL									16,311,726	3,715,603	3,167,331

		MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
DRY MESA (MISSISSIPPIAN)	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Monsanto Company											
1 Navajo-138 (77) *None	31	413	5,283	29	2	2,966	35,605	208	224,060	797,756	26,697
2 Navajo-138 (106) *None	31	0	0	526	2	0	0	4,993	7,566	0	45,020
3 Navajo-138 (115) *None	31	428	524	30	2	3,880	4,108	273	413,153	216,947	45,028
Operator & Field Total		841	5,807	585		6,846	39,713	5,474	644,779	1,014,703	116,745
BLACK ROCK											
Kenai Oil & Gas											
34-7 Navajo (717) 02-001-20248	8	8	240	0		521	3,079	695	6,189	4,003	13,545
Total of Wells not now Producing									1,329	1,564	14,687
TOTAL									7,518	5,567	28,232
TEEC NOS POS (ISMAY)											
Mountain States Resources 12 Navajo-O (801) 02-001-20258	29	883	1,124	0		1,131*	1,924*	0	1,131*	1,924*	0
*Includes May 1982 production figures received 9-2-82											
Energy Reserves Group											
Pan American 1 Navajo-O (232) *None	31	341	97	655 721	2 3	969	525	8,143	187,522	3,457	1,068,863
Pan American 3 Navajo-O (640) 02-001-20207	31	997	129	904	3	4,850	589	4,063	114,361	7,178	122,071
Pan American 4 Navajo-O (663) 02-001-20219	29	246	1,208	260	3	4,854	8,383	5,061	93,739	57,967	75,468
Pan American 5 Navajo-O (678) 02-001-20228	31	210	290	155 320	2 3	2,848	4,150	6,323	23,162	29,430	60,321
Operator Total		1,794	1,724	3,015		13,521	13,647	23,590	418,784	98,032	1,326,723
Field Total		2,677	2,848	3,015		14,652	15,571	23,590	419,915	99,956	1,326,723
Total of Wells not now Producing									5,398	110,276	17,699
TOTAL									425,313	210,232	1,344,422

EAST BOUNDARY BUTTE (PARADOX)	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Merrion Oil & Gas	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Humble 1 Navajo (28)	24	1,107	2,920	150	2	7,266	10,415	6,823	74,264	105,549	1,882,706
*None				914	3						
Humble 3 Navajo (515) 02-001-20115		0	0	0		301	15,850	3,075	59,489	624,508	369,387
Humble 1 Navajo-E (58)		0	0	0		145	1,150	0	281,353	1,276,728	998,745
*None											
Shell 2 Navajo (22)	30	19	10	1,860	3	373	153	12,371	9,442	4,155	1,658,991
*None											
Operator & Field Total		1,126	2,930	2,924		8,085	27,568	22,269	424,548	2,010,940	4,909,829
Total of Wells not now Producing									375,358	2,392,276	4,540,536
TOTAL									799,906	4,403,216	9,450,365
WELLS NOT NOW PRODUCING - OTHER FIELDS									124,969	228,636	3,517,279
											H 9,237,739
TOTALS		29,503	34,509	23,590		200,545	245,477	145,699	18,314,211	9,577,957	17,624,374

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
AUGUST 1982

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
1 Navajo (377) 02-001-20001*	31	596	91	211	1	5,334	365	1,530	1,058,322	30,624	99,968
3X Navajo (386) 02-001-20011	31	401	28	1,656	2	3,877	281	14,420	1,841,707	260,647	469,688
4 Navajo (384) 02-001-20009	31	6,126	3,325	178	1	35,877	29,472	1,114	3,026,560	1,108,296	87,534
6 Navajo (390) 02-001-20014	31	393	28	98	1	3,236	471	1,069	246,703	11,989	77,431
9 Navajo (396) 02-001-20020	30	397	4,839	73	1	2,230	38,394	498	1,653,184	488,207	258,408
11 Navajo (506) 02-001-20106	31	49	0	614	2	729	0	9,388	913,498	81,430	389,347
13 Navajo (420) 02-001-20044	31	93	0	592	1	323	24	1,829	5,711	4,558	18,028
14 Navajo (416) 02-001-20040	31	169	0	304	1	2,718	124	1,985	285,676	19,542	132,586
15 Navajo (417) 02-001-20041	31	155	486	225	1	1,165	698	2,586	106,424	14,731	31,036
16 Navajo (419) 02-001-20143	31	164	986	80	1	2,396	4,371	582	95,584	27,942	16,277
17 Navajo (618) 02-001-20190	31	289	0	58	1	1,069	646	835	44,656	8,850	38,081
18 Navajo (690) 02-001-20239	31	862	7,577	406	1	4,561	44,515	1,741	71,352	199,352	14,041
19 Navajo (691) 02-001-20240	31	2,149	142	2,044	2	18,392	1,689	9,382	216,971	8,871	62,970

Gas Distribution Symbols in this Report:
1 - Flared/Vented 3 - Sold
2 - Used on Lease 4 - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
20 Navajo (696) 02-001-20245	31	1,121	0	564	1	12,452	172	4,116	137,144	2,826	39,383
21 Navajo (693) 02-001-20242	31	93	39	167	1	1,684	848	1,546	24,850	22,871	11,897
22 Navajo (692) 02-001-20241	31	197	0	62	1	2,250	321	1,170	24,924	3,751	9,869
24 Navajo (695) 02-001-20244	16	497	3,492	315	1	4,876	46,646	2,957	83,361	271,221	43,028
25 Navajo (719) 02-001-20249	31	1,406	94	741	1	16,793	1,296	4,896	23,863	1,547	5,744
26 Navajo (720) 02-001-20250	31	418	16	1,080	1	2,505	545	5,989	5,762	3,717	6,933
27 Navajo (721) 02-001-20251	29	1,126	0	538	1	11,133	155	3,543	23,001	178	4,730
1X Navajo-B (445) 02-001-20068	31	2,031	39	563	1	15,731	379	2,920	1,719,596	47,597	186,435
1 Navajo-C (484) 02-001-20092	31	126	0	TSTM		261	33	0	2,702	2,029	1,174
2 Navajo-88 (431) 02-001-20055	31	948	841	249	1	6,512	6,036	1,462	743,824	229,802	113,741
3 Navajo-88 (443) 02-001-20066	30	317	0	282	1	2,109	613	1,430	175,803	58,625	179,200
6 Navajo-88 (722) 02-001-20252	31	1,021	27	3,306	1	8,926	40	11,628	17,271	40	20,710
1 Navajo-138 (388) 02-001-20012	31	994	104	1,445	1	6,969	1,537	13,731	1,032,567	53,480	456,383
3 Navajo-138 (723) 02-001-20253	31	1,709	166	1,531	1	20,180	2,195	8,706	43,141	3,868	11,748
Operator & Field Total		23,847	22,320	17,382		194,288	181,866	111,053	13,624,157	2,966,591	2,786,361
Total of Wells not now Producing									2,711,416	771,332	398,352
TOTAL									16,335,573	3,737,923	3,184,713

DRY MESA (MISSISSIPPIAN)

		MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Monsanto Company	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
1 Navajo-138 (77) *None	31	389	5,240	27	2	3,355	40,845	235	224,449	802,996	26,724
2 Navajo-138 (106) *None	31	0	0	692	2	0	0	5,685	7,566	0	45,712
3 Navajo-138 (115) *None	26	688	1,511	48	2	4,568	5,619	321	413,841	218,458	45,076
Operator & Field Total		1,077	6,751	767		7,923	46,464	6,241	645,856	1,021,454	117,512
BLACK ROCK											
Kenai Oil & Gas											
34-7 Navajo (717) 02-001-20248		NO REPORT RECEIVED				521	3,079	695	6,189	4,003	13,545
Total of Wells not now Producing									1,329	1,564	14,687
TOTAL									7,518	5,567	28,232
TEEC NOS POS (ISMAY)											
Mountain States Resources 12 Navajo-O (801) 02-001-20258	28	1,175	2,529	0		2,306	4,453	0	2,306	4,453	0
Energy Reserves Group											
Pan American 1 Navajo-O (232) *None	31	267	113	613 494	2 3	1,236	638	9,250	187,789	3,570	1,069,970
Pan American 3 Navajo-O (640) 02-001-20207	31	934	795	940	3	5,784	1,384	5,003	115,295	7,973	123,011
Pan American 4 Navajo-O (663) 02-001-20219	26	504	1,027	508	3	5,358	9,410	5,569	94,243	58,994	75,976
Pan American 5 Navajo-O (678) 02-001-20228	21	203	462	105 295	2 3	3,051	4,612	6,723	23,365	29,892	60,721
Operator Total		1,908	2,397	2,955		15,429	16,044	26,545	420,692	100,429	1,329,678
Field Total		3,083	4,926	2,955		17,735	20,497	26,545	422,998	104,882	1,329,678
Total of Wells not now Producing									5,398	110,276	17,699
TOTAL									428,396	215,158	1,347,377

EAST BOUNDARY BUTTE (PARADOX)

Merrion Oil & Gas	MONTHLY PRODUCTION DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Humble 1 Navajo (28) *None	19	799	4,344	150 1,334	2 3	8.065	14,759	8,307	75,063	109,893	1,884,190
Humble 3 Navajo (515) 02-001-20115		0	0	0		301	15,850	3,075	59,489	624,508	369,387
Humble 1 Navajo-E (58) *None		0	0	0		145	1,150	0	281,353	1,276,728	998,745
Shell 2 Navajo (22) *None	23	73	30	2,684	3	446	183	15,055	9,515	4,185	1,661,675
Operator & Field Total		872	4,374	4,168		8,957	31,942	26,437	425,420	2,015,314	4,913,997
Total of Wells not now Producing									375,358	2,392,276	4,540,536
TOTAL									800,778	4,407,590	9,454,533
WELLS NOT NOW PRODUCING - OTHER FIELDS									124,969	228,636	3,517,279 H 9,237,739
TOTALS		28,879	38,371	25,272		229,424	283,848	170,971	18,343,090	9,616,328	17,649,646